

JP42001014

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\* Ono, Masaji, Naruse, Norio. Isoxazole derivatives. Jpn. Tokkyo Koho (1963),

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**Bibliographic Information**

**Isloxazole derivatives.** Ono, Masaji; Naruse, Norio. (Toyo Rayon Co., Ltd.). Jpn. Tokkyo Koho (1963), 2 pp.  
CODEN: JAXXAD JP 42001014 19630119 Showa. Patent written in Japanese. Application: JP 19631020. CAN  
66:65459 AN 1967:65459 CAPLUS (Copyright (C) 2006 ACS on SciFinder (R))

**Patent Family Information**

<u>Patent No.</u>	<u>Kind</u>	<u>Date</u>	<u>Application No.</u>	<u>Date</u>
JP 42001014	B4	19630119	JP	19631020

**Abstract**

Manuf. of 5-aminoisoxazole derivs. by the reaction of alicyclic  $\alpha$ -halooxime with alkali cyanide was described. In an example, 4 g. NaCN is added to 40 cc. hot (80-95°) Me<sub>2</sub>CO, then a soln. of 10 g.  $\alpha$ -chlorocyclooctanone oxime in 30 cc. Me<sub>2</sub>SO dropped in during 20 min., the whole heated at 80-95° 1.5 hrs., H<sub>2</sub>O added, and the mixt. extd. with Et<sub>2</sub>O to give 95% 5-amino-3,4-cyclooctanoisoxazole, m. 77-8° (Et<sub>2</sub>O-petr. ether). Similarly prepd. are 5-amino-3,4-cyclooctenoisoxazole, 5 - amino - 3,4 - trans,cis cyclododecadienoisoxazole, 5-amino-3,4 - trans,trans - cyclododecadienoisoxazole, m. 131-4°, 5-amino-3,4-cyclohexanoisoxazole (oil), and 5-amino-3,4-cyclopentaisoxazole.